



# Municipal Separate Stormwater System Discharge Permit **Secondary Permittee Workshop** Agenda

- 1:00-1:30 Sign-in and gather materials
- 1:30-1:40 Introduction and welcome
- 1:40-2:30 Staff presentation
- 2:30-2:45 Group Q & A
- 2:45-3:00 Break
- 3:00-5:00 Small group breakout  
discussion and detailed Q & A



# Municipal Separate Stormwater System Discharge Permit

Secondary Permittee  
Workshop



# Outline

- **Why** is this permit being issued?
- **Where** does the permit apply?
- **Who** is regulated by the permit?
- **What** does the permit require?
- **When** will regulations start?



# Why is this permit being issued?

- To control pollution from stormwater
- What is stormwater?
  - › Water that runs off the land surface during and after rainstorms and snowmelt
    - Paved roads, parking areas
    - Roofs
    - Lawns, play fields, and other landscaped areas
    - Gravel roads and parking areas



# Why - Background and Context

- Why regulate stormwater?
  - › Leading cause of water quality impairments in urban streams
  - › Pollutants pose the fastest growing water quality problem
    - Sediment, trash, toxic metals, hydrocarbons, chemicals, bacteria, and nutrients
  - › Federal legal requirements



# Why - Basis of Federal Requirement

- No discharge from a point source without a permit
- Stormwater considered a point source in phases
- Phase I – most populous areas
- Phase II – more moderately populated areas



# Where does the permit apply?

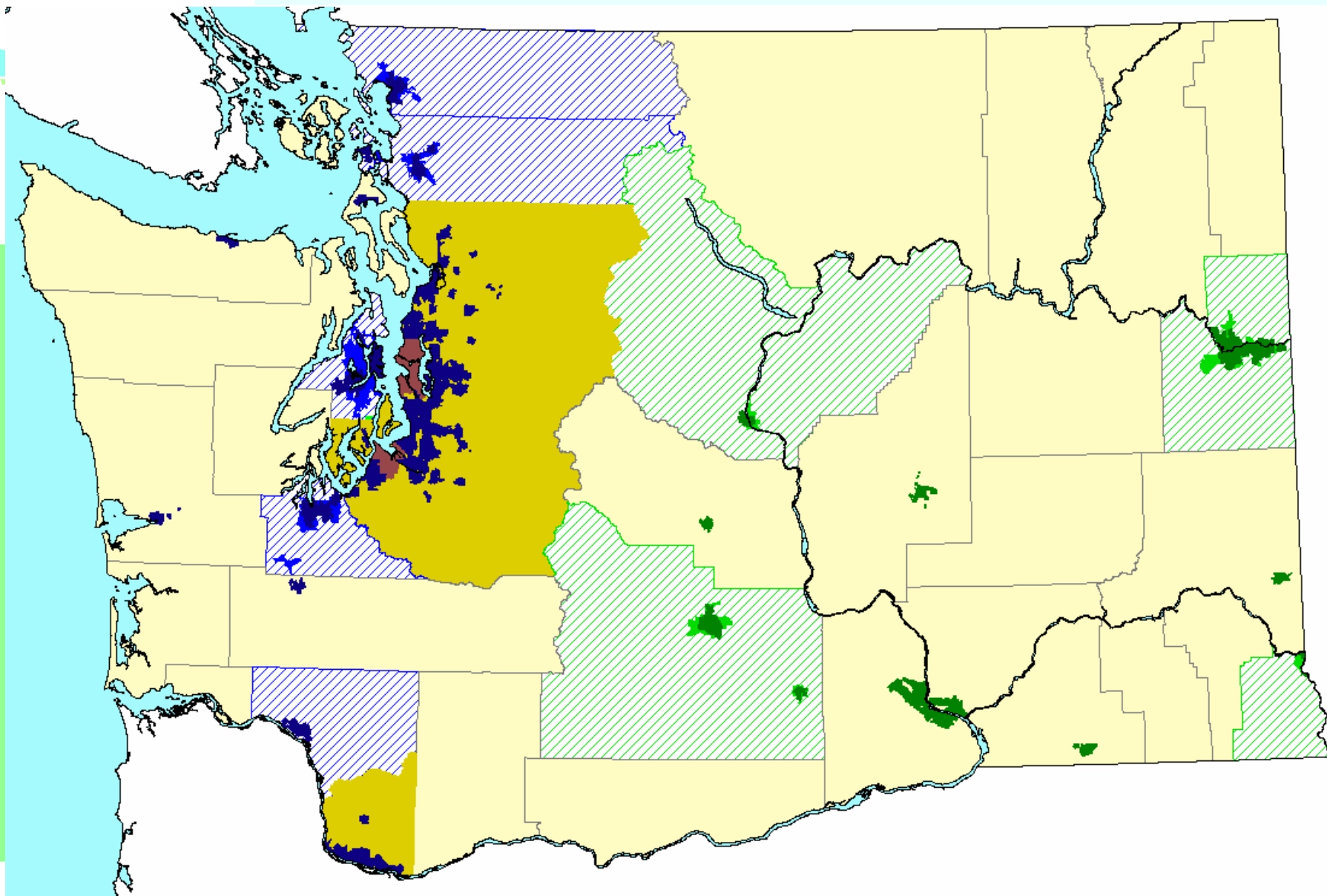
- Phase I – Unincorporated Clark, King, Pierce, and Snohomish counties, Seattle and Tacoma cities
- Phase II – Cities in urban areas, Counties UGA and census defined areas associated with Phase II city.



# Where does each permit apply?

- Western Washington Phase I – Cities of Seattle, Tacoma, Counties of Clark, King, Pierce and Snohomish
- Western Washington Phase II – Urbanized areas west of the Cascade crest
- Eastern Washington Phase II – Urbanized areas east of the Cascade crest.

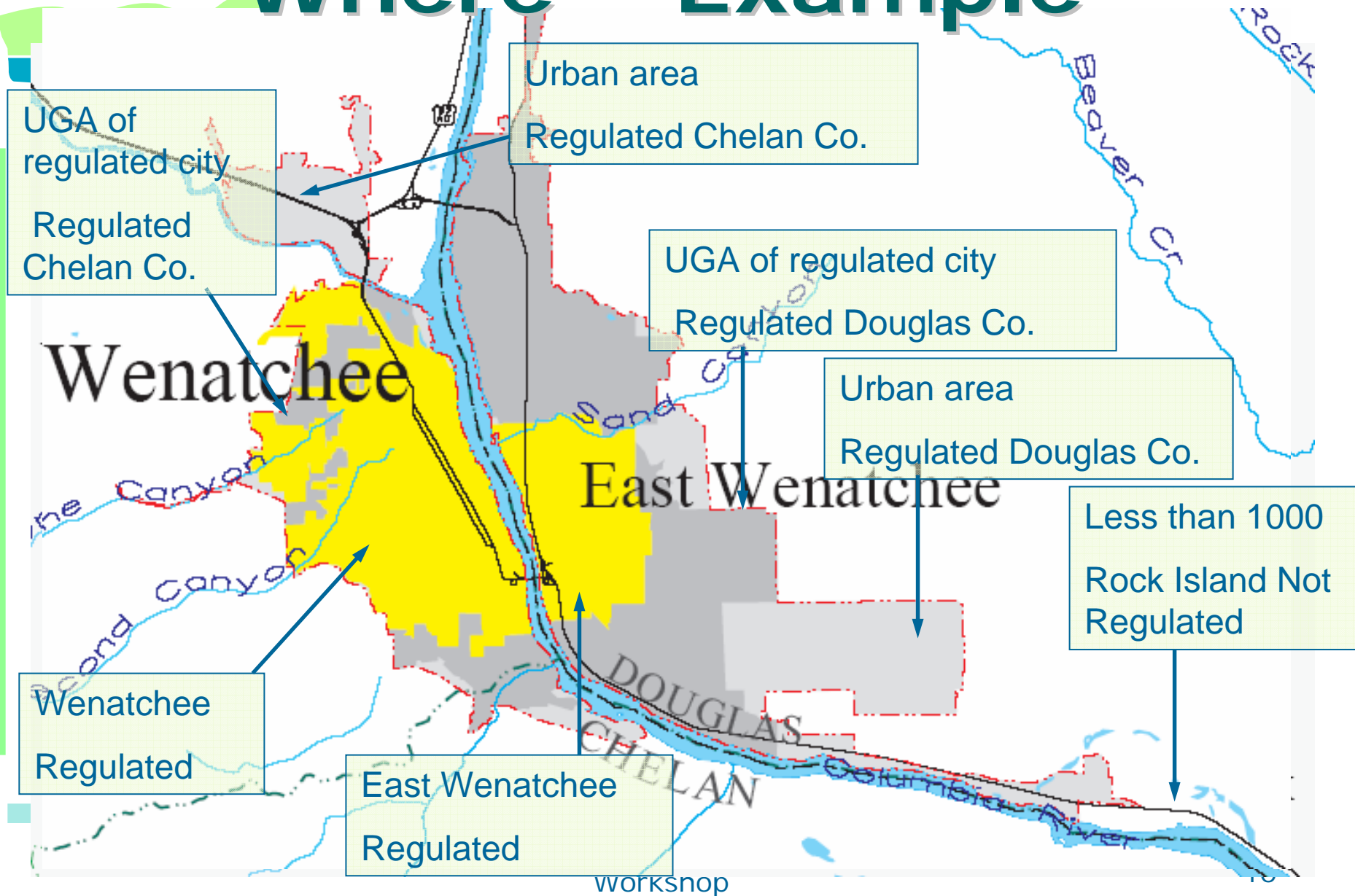




March 2006

Secondary Permittee  
Workshop

# Where – Example





# Who – Operators of MS4s

- MS4 = Municipal Separate Storm Sewer System
  - › **Municipal** - public body
    - Examples = sewer districts, flood control districts, drainage districts
  - › **Separate** - Not combined with sewage
  - › **System** - pollution generating surface to outfall, e.g. parking lot to ditch to pipe to creek.




# Who – Different types

- Permittee
  - › City or county in Phase I or urban area
- Secondary Permittee
  - › MS4 in jurisdiction of Permittee
  - › NOT a city or county



# Who – Regulated MS4s

- Waiver of eligibility (Phase II only)
  - › Serve a population of less than 1000
    - Resident and transient
- AND
- › Not a significant contributor to a regulated MS4
- How to get a waiver?
  - › No action required



# What does the permit require?

- Permit Application

- › Notice of intent to be covered


<http://www.ecy.wa.gov/programs/wq/stormwater/municipal/secondary.html>

- Permit fee

- › Tentatively \$1500 per secondary permittee

- › Rule available for comment through April 7, 2006

[http://www.ecy.wa.gov/programs/wq/permits/permit\\_fees/index.htm](http://www.ecy.wa.gov/programs/wq/permits/permit_fees/index.htm)



# What does the permit require?

- Stormwater Management Plan (SWMP)
  1. Public Education and Outreach
  2. Public Involvement
  3. Illicit Discharge Detection and Elimination
  4. Construction Site Stormwater
  5. Post-Construction Stormwater
  6. Pollution Prevention for Municipal Operations
- Plus two
  1. Comply with applicable TMDLs
  2. Evaluate program



# What – minimum measures 1 and 2

- Public Education and Outreach
  - › Ensure users understand how they affect your quality of the discharge of the MS4
- Public Involvement and Participation
  - › Advertise the availability of SWMP for public review
  - › Make SWMP available for comment



# What – minimum rules 1 and 2

and Outreach



- › Advertise the public review
- › Make SWMP



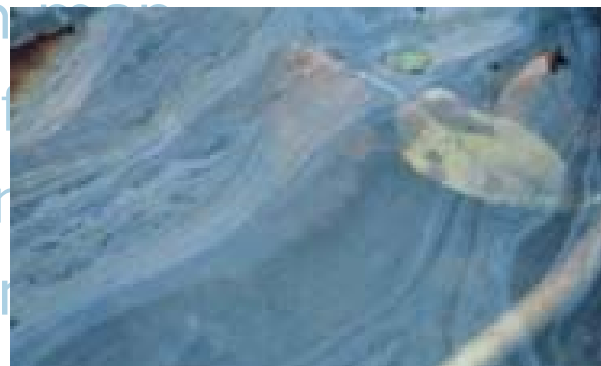


# What – minimum measure 3

- Illicit Discharge Detection and Elimination
  - › Comply with local jurisdiction's requirements
  - › Develop policy and enforcement for prohibited discharge
  - › Develop storm system map
  - › Field inspection of outfalls
  - › Develop and implement spill response plan
  - › Train staff on practices for preventing spills and illicit discharges



# What – r as



March 2006

Secondary Permittee  
Workshop



# What – minimum measure 4

- Construction Stormwater Runoff Control
  - › Comply with local jurisdiction's requirements
  - › Construction Stormwater Permit where appropriate for MS4s construction projects
  - › Coordinate/Assist local jurisdiction to implement construction stormwater program
  - › Train staff in sediment and erosion control practices





# What – minimum measure 4



er Runoff Control  
ction's requirements  
t Permit where

- › Train staff in sediment practices





# What – minimum measure 5

- Post-Construction Stormwater management for New Development and Redevelopment
  - › Comply with local jurisdiction's requirements
  - › Coordinate/Assist local jurisdiction to implement stormwater program
  - › Projects owned or operated comply with appendix 1 for post construction stormwater controls.

# What – minimum

## measures



ent and

requirements

- › New projects owned or  
appendix 1 for post con  
controls.





# What – minimum measure 6

- Pollution Prevention and Good Housekeeping for Municipal Operations
  - › Operation and Maintenance Plan for
    - Stormwater collection and conveyance
    - Roads, highways and parking lots
    - Vehicle fleets
    - External building maintenance
    - Parks and open space
    - Material storage areas, heavy equipment storage areas, and maintenance areas
  - › Industrial Permit Coverage where appropriate
  - › Training for all employees



# What – minimum measure 6

- Pollution Prevention and Good Housekeeping for Municipal Operations



ce Plan  
onveyanc  
g lots  
ce  
y equipm  
as  
e where appropriate



## What – Plus 2

- Comply with applicable TMDLs
  - › See appendix 2
  - › If no mention then compliance with permit is compliance with TMDL
- Evaluate Program
  - › Part of Annual Report
    - Does your SWMP protect water quality?



# What – Legal Authority

- Control pollution from industrial sources into MS4
- Prohibit illicit discharges
- Control discharge of spills and dumping into MS4
- Co-applicants control contribution from one portion of MS4 to another
- Require compliance with conditions in ordinances, permits, contracts and orders
- Inspection, surveillance and monitoring to ensure compliance with permit conditions.



# What - Coordination

- External Coordination
  - › Local jurisdictions
  - › Operators of interconnected MS4s
  - › Provides opportunity for more effective implementation
- Internal Coordination
  - › Between departments of secondary permittee



# When will MS4s be regulated

- The draft permit is open for comment through May 19, 2006  
<http://www.ecy.wa.gov/programs/wq/stormwater/municipal/index.html>
- The permit team will review and respond to comments, and modify the permit.
- No sooner than Late September 2006



# How did we do?

- We have several stations around the meeting room where you can get additional questions answered.
- Please fill out a workshop evaluation so we can make the next workshop even better (or less lame).